

Amendments to the Specification:

On page 1, please delete lines 1 to 3, and insert the following therefor:

-- Arrangement and Method for the Continuous Production of Tube-Shaped Structures Reinforced with Strengthening Support --

Please insert on page 1, between lines 4 and 5, the following new paragraph:

-- This application is the national stage of International Application No. PCT/DE 2003/001561, filed May 14, 2003, designating the United States.

Field of the Invention --

On page 1, between lines 21 and 22, please insert the following:

-- Background of the Invention --.

On page 2, please amend the paragraph beginning at line 1 as follows:

-- In ~~EP 0 285 726 B1~~ United States Patent 4,763,883, a method for applying a filament or cord layer at defined cord angles to a rubber layer is described with the rubber layer being extruded onto a mandrel. For this purpose, the mandrel with the rubber layer is clamped into a lathe and rotated while a cord let-off ring surrounds the mandrel and is moved forward in the longitudinal direction of the mandrel with the cord let-off ring being fixed with respect to rotation. --

On page 2, please amend the paragraph beginning at line 8 as follows:

-- An automated method for making multi-layered hoses or tubes is known from ~~DE 27 50 642 C2~~ United States Patent 4,753,699 wherein rubber and reinforcement layers are wound on a rotating mandrel supported at a fixed location. A material feed unit is moved in the longitudinal direction along the mandrel. It is here disadvantageous that this production method is not continuous but is limited to the length of the mandrel. In addition, the thickness and the angle of the wound rubber and reinforcement layers cannot be applied with adequate accuracy needed for rolling-lobe resilient members. --

On page 2, please amend the paragraph beginning at line 30 as follows:

-- A method and an arrangement for manufacturing curved rubber hoses is described in ~~DE 25 45 058 C3~~ United States Patent 4,118,162 wherein rubber and reinforcement layers are applied continuously on mandrels driven in a conveying direction with at least one extruder and one cord reinforcing machine. The mandrels abut directly and seamlessly one against the other. In a cutting apparatus, two mandrels are so displaced with respect to each other that a gap arises between their end faces wherein a cutting knife of the cutting apparatus can engage. Here it is disadvantageous that the filament or cord layers are stretched in the hose blank and are displaced in their positions. The mandrels are flexible and are brought into a curved position

together with the hose or tubular-shaped blank piece, which is disposed on the mandrel, and are vulcanized in a vulcanization facility. The vulcanized curved hose is subsequently separated from the mandrel. --

On page 3, between lines 21 and 22, please insert the following:

-- Summary of the Invention --.

On page 4, please amend the paragraph beginning at line 3 as follows:

-- In contrast to the method of ~~DE 25 45 058 C3~~ United States Patent 4,118,058, the extrusion of the rubber layers and the spiraling on of the cord layers for generating the reinforcement layers takes place on rigid mandrels driven continuously. A peripherally-extending cutting zone is provided of a material different to that of the mandrels between the abutting surfaces of the mutually coupled mandrels so that a cutting knife can be applied directly without the mandrels having to be shifted against each other and the layers and angles of the reinforcement layers being influenced thereby. For the reliability of the reinforced hose-shaped structures, especially for use in air springs, a defined angle of the cord layers of the reinforcement layers is decisive. The dimensional accuracy of the mandrels is not affected by the thermal process of the vulcanization because the reinforced hose-shaped structures are stripped in advance of the vulcanization from the individual mandrels. In this way, a uniform manufacturing quality is ensured. --

On page 7, please amend the paragraph beginning at line 12 as follows:

-- As a difference to the continuous manufacturing method of ~~DE 25 45 058 C3~~ United States Patent 4,118,162, the method of the invention is executed with rigid mandrels, which are coupled one to the other, with a peripherally-extending cutting zone from a material different to that of the mandrel so that, when separating reinforced hose-shaped structures into segments, it is no longer necessary to pull the mandrels apart. In this way, it is ensured that the position of the reinforcement layers is not changed by the separating operation. --

On page 7, please delete lines 25 to 28 and insert the following:

-- Brief Description of the Drawing

The invention will now be described with reference to the single figure of the drawing (FIG. 1). --

On page 8, between lines 1 and 2, please insert the following:

-- Description of the Preferred Embodiments of the Invention --.